Bioinformatics Major Electives
Summer 2019

**Biological Options**
- ECOL 463—Ecology & Natural History of the Sonoran Desert & Gulf of California (Pre-session)
- ECOL 326—Genomics (Session 1) *
- ECOL 414—Plants of the Desert (Session 2)
- ECOL 488—Arizona Mammals (Session 2)
- PLP 329A—Microbial Diversity * (Session 2)
- ECOL 488—Arizona Mammals (Session 2)
- ECOL 437—Vertebrate Physiology (Session 1)
- ECOL 414—Plants of the Desert (Session 2)
- ECOL 326—Genomics * (Session 1)
- MCB 422—Problem Solving & Genetic Tools (Session 1)
- WFSC 430—Conservation Genetics * (Session 1)
- CMM 401—Human Gross Anatomy (Session 1, Dept Consent Required)
- CMM 410—Human Histology: An Intro. to Pathology (Pre-Session)
- PSIO 426—Extreme Physiology (Session 2)
- PSIO 431—Physiology of the Immune System * (Session 1, Dept Consent Required)
- CMM 404—Cell Biology of Disease (Session 2, Dept Consent Required)
- MCB 422—Problem Solving with Genetics Tools (Session 1)
- PLS 359—Plant Cell Structure and Function * (Session 1)

**Computer Science Options**
- ISTA 321 Data Mining and Discovery (10 week, online)

**Mathematics Options**
- MATH 310 Applied Linear Algebra (Session 2)
- MATH 313 Introduction to Linear Algebra (Session 1)
- MATH 413 Linear Algebra (Session 1)

Courses marked with * have an online option listed.